

Flexalloy® 9607-96

Flexible Polyvinyl Chloride

Teknor Apex Company

Message:

Flexalloy® 9607-96 is a Flexible Polyvinyl Chloride material. It is available in Africa & Middle East, Asia Pacific, Europe, Latin America, or North America.
Primary attribute of Flexalloy® 9607-96: RoHS Compliant.
Typical application of Flexalloy® 9607-96: Wire & Cable

General Information			
Uses	Wire & Cable Applications		
RoHS Compliance	RoHS Compliant		
Appearance	Opaque		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.42	g/cm³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore C, 10 sec)	71		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	21.4	MPa	ASTM D638
Tensile Elongation (Break)	340	%	ASTM D638
Flexural Modulus	74.9	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Continuous Use Temperature	105	°C	ASTM D794
Brittleness Temperature	-18.0	°C	ASTM D746
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (50°C)	4.2E+12	ohms·cm	ASTM D257
Dielectric Constant			ASTM D150
1 kHz	3.99		
1 MHz	2.93		
Dissipation Factor			ASTM D150
1 kHz	0.071		
1 MHz	5.0E-3		
Flammability	Nominal Value	Unit	Test Method
Oxygen Index	34	%	ASTM D2863

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

